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## Datasheet for ABIN1385602 anti-MAP1B antibody (AA 451-550)

Image



#### Overview

Quantity:	100 μL	
Target:	MAP1B	
Binding Specificity:	AA 451-550	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MAP1B antibody is un-conjugated	
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MAP1B	
Isotype:	lgG	
Cross-Reactivity:	Human, Mouse, Rat	
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse,Rabbit	
Purification:	Purified by Protein A.	
Target Details		

# Target:

#### MAP1B

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Target Details		
Alternative Name:	MAP1B (MAP1B Products)	
Background:	Synonyms: MAP5, FUTSCH, PPP1R102, Microtubule-associated protein 1B, MAP-1B, MAP1B	
	Background: Facilitates tyrosination of alpha-tubulin in neuronal microtubules (By similarity).	
	Phosphorylated MAP1B may play a role in the cytoskeletal changes that accompany neurite	
	extension. Possibly MAP1B binds to at least two tubulin subunits in the polymer, and this	
	bridging of subunits might be involved in nucleating microtubule polymerization and in	
	stabilizing microtubules. Acts as a positive cofactor in DAPK1-mediated autophagic vesicle	
	formation and membrane blebbing.	
Gene ID:	4131	
UniProt:	P46821	
Pathways:	Microtubule Dynamics, Regulation of Cell Size	
Application Details		
Application Notes:	ELISA 1:500-1000	
	FCM 1:20-100	
	IHC-P 1:200-400	

IHC-F 1:100-500

IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

For Research Use only

ICC 1:100-500

# Handling

Restrictions:

Format:	Liquid	
Concentration:	1 µg/µL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	

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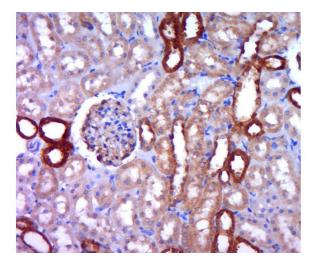
Storage Comment:

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date:

12 months

#### Images



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded rat kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with MAP1B Polyclonal Antibody, Unconjugated (bs-11028R) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.

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